fluimac®
pump solution

TYPHOON

VERTICAL CENTRIFUGAL PUMPS

Made in Italy

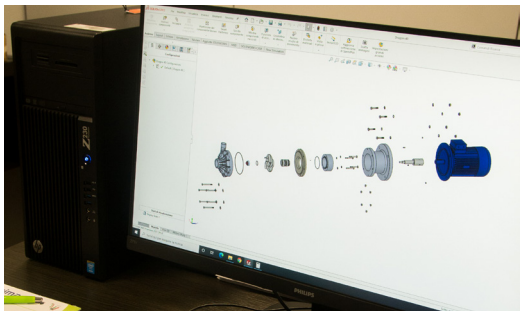
www.fluimac.com

ENGLISH

fluimac
pump solution

MAIN FEATURES

Fluimac is an original, young and dynamic company built in 2012 for a new concept of product.
It is specialized in providing pump solutions with an innovative and continuously developing design of range.
The huge experience, knowledge and efficiency of its team is the starting point of its own business.
Fluimac stands out for its reliable and prompt technical support and assistance.
The internal research and development department ensures the proficiency of its team, which constantly grows in order to satisfy all the customers' needs.
The company keeps up with the constant evolution of the national and international market and its quality control guarantees innovative and certificated products, which respect current legal standards.
The organization of the warehouse and the assembly/testing department, allows the company to offer short delivery times, immediate check of availability, speedy shipments and fast service assistance.The policy of Fluimac relies also on excellent customer service and a network of efficient, reliable distributors who ensure willingness, quality and technical support. This makes Fluimac a high quality company, grounded in excellence.



TYPHOON

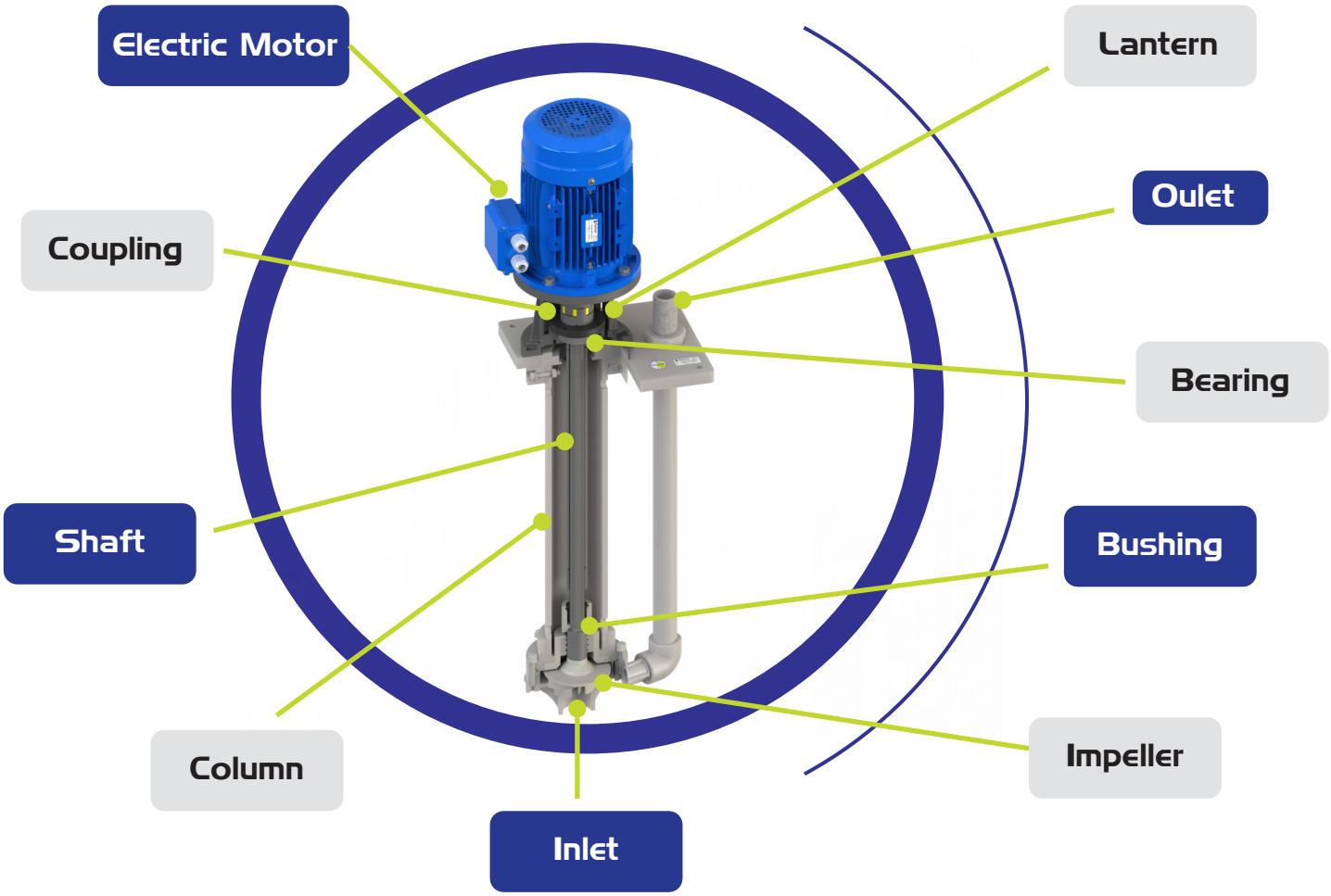
TYPHOON vertical centrifugal pumps are high performance pumps for fixed installations with the pump immersed directly in the tank. These pumps are used to quickly empty the fluid, with flow rates ranging from 6 to 40 m3/h. The special semi-opened impeller design, allows continuous pumping even with dirty fluids with apparent viscosity up to 500cps. and small suspended solids. TYPHOON are electric motor driven pumps that, through a flexible coupling, transmitting the rotation to the shaft and the impeller, due to centrifugal effect, creates a suction on the central duct and a delivery on the peripheral tube.

MAIN FEATURES

- Casing and impeller in PP and PVDF
- O-ring in EPDM and VITON
- Lenght from 250mm to 1400mm
- Max delivery head 25 mts
- Max flow - Rate: 40 m3/h
- Temperature: from -20°C to +95°C
- Max viscosity: 500 CPS
- Electric motors from 0,37 Kw up to 5,5kW
- Specific Gravity up to 1.9

INSTALLATION

DRY RUNNING
Suitable devices should be fitted to prevent dry running and the formation of a vortex and possible air suction. Running dry or with air bubbles can cause damage to the pump.

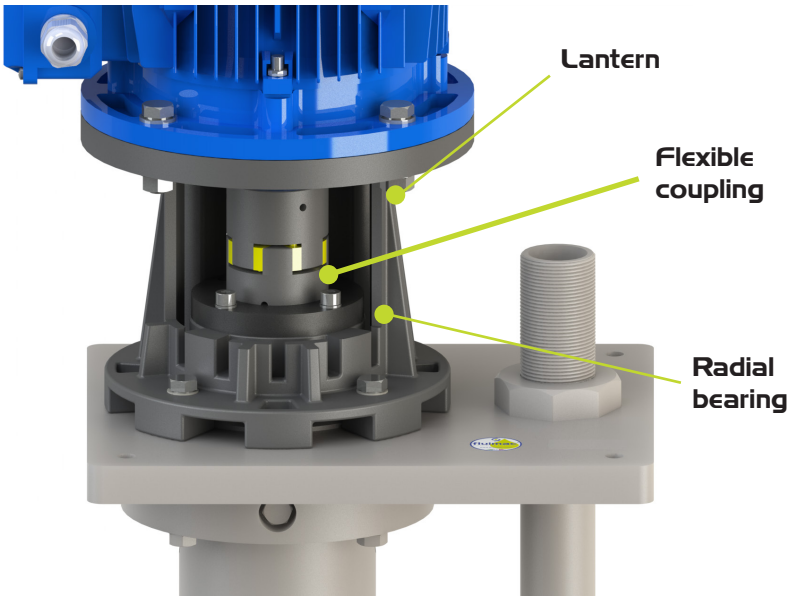


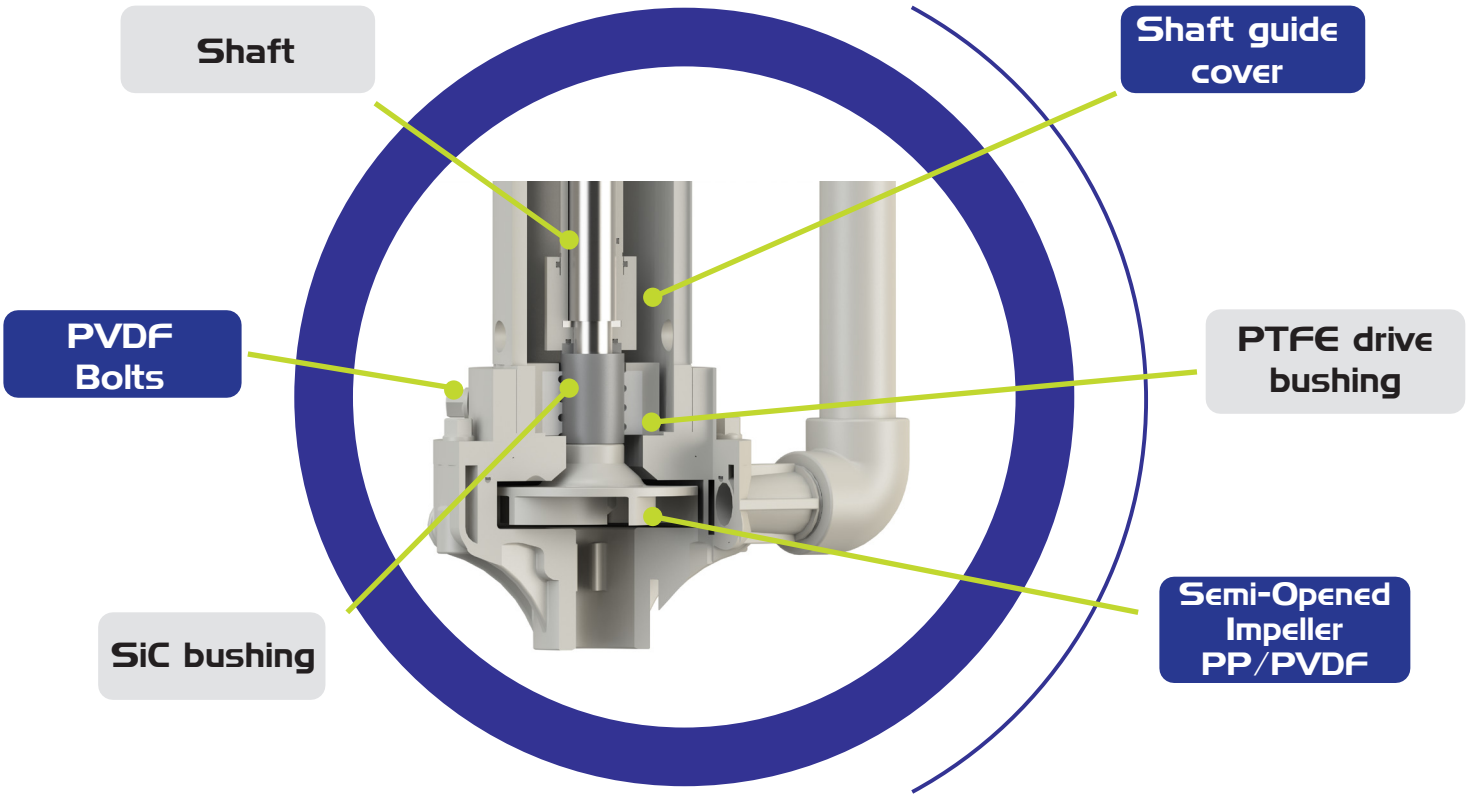
TYPHOON

FLUIMAC coupling is the flexible and homokinetic coupling that assures the best performance in relation to the physical space occupied in its class. It has a very compact design and allows safe power transmission by absorbing peak loads and torsional vibrations. Moreover, the elastic design of the polyurethane gear ring compensates for angular and radial misalignments and also absorbs small shaft length variation.

MAIN FEATURES

- Compact Design
- Safe power transmission by absorbing peak loads and torsional vibrations.
- Compensates for axial misalignments
- Elastic gear ring resistant to chemical agents





TY 6

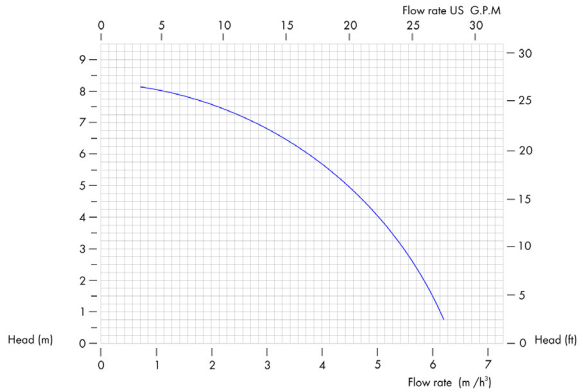
PP

PVDF

TECHNICAL DATA

Inlet connections	**1” 1/2 F**
Outlet connections	**1” M**
Max. Flow rate	**6 m3/h**
Max. Delivery head	**8 mts**
Max Viscosity	**100 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

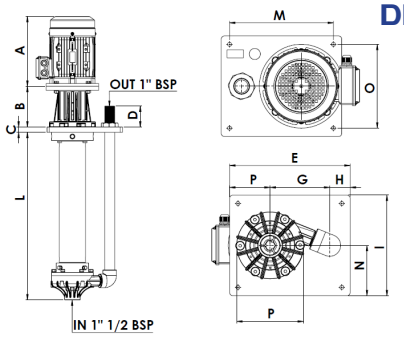
SPECIFIC GRAVITY TABLE

L = 0,37 Kw	M = 0,55 Kw	H = 0,75 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 71	0,37	B5
IEC 71	0,55	B5
IEC 71	0,75	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	147	20	80	340	130	128.5	81.5	260	290	130	210	Ø165

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY006	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**250** **500** **800** **1000**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 10

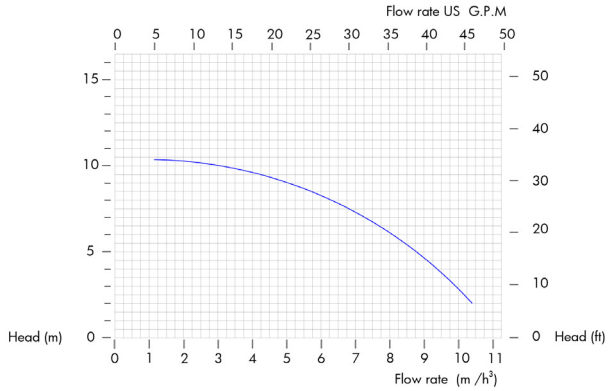
PP

PVDF

TECHNICAL DATA

Inlet connections	**1” 1/2 F**
Outlet connections	**1” M**
Max. Flow rate	**10 m3/h**
Max. Delivery head	**10 mts**
Max Viscosity	**150 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +90°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz.
These data may vary according to the construction materials and hydraulic conditions.

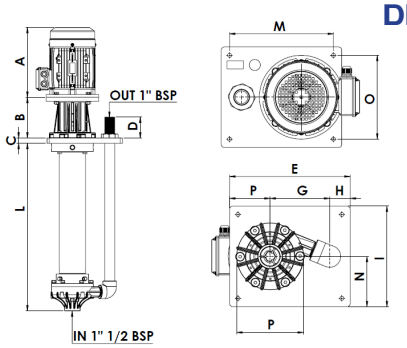
SPECIFIC GRAVITY TABLE

L = 0,55 Kw	M = 0,75 Kw	H = 1,1 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 71	0,55	B5
IEC 71	0,75	B5
IEC 80	1,1	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	147	20	80	340	130	128.5	81.5	260	290	130	210	Ø165

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY010	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**250** **500** **800** **1000**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 15

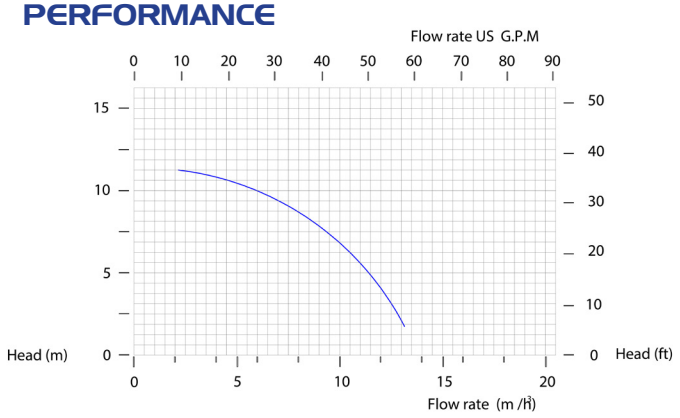
PP

PVDF

TECHNICAL DATA

Inlet connections	**1” 1/2 F**
Outlet connections	**1” M**
Max. Flow rate	**14 m3/h**
Max. Delivery head	**12 mts**
Max Viscosity	**200 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

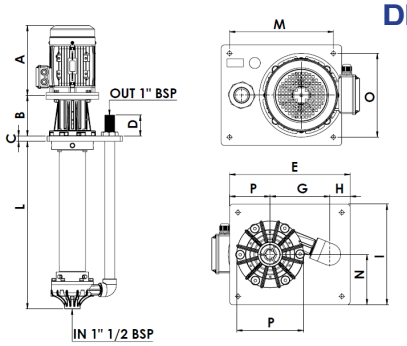
SPECIFIC GRAVITY TABLE

L = 0,75 Kw	M = 1,1 Kw	H = 1,5 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 80	0,75	B5
IEC 80	1,1	B5
IEC 80	1,5	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	147	20	80	340	130	128.5	81.5	260	290	130	210	Ø165

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY015	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**250** **500** **800** **1000**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 20

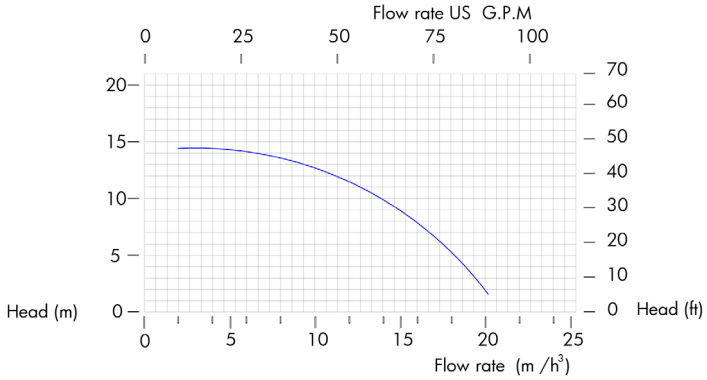
PP

PVDF

TECHNICAL DATA

Inlet connections	**2" F**
Outlet connections	**1" 1/2 M**
Max. Flow rate	**20 m3/h**
Max. Delivery head	**15 mts**
Max Viscosity	**300 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

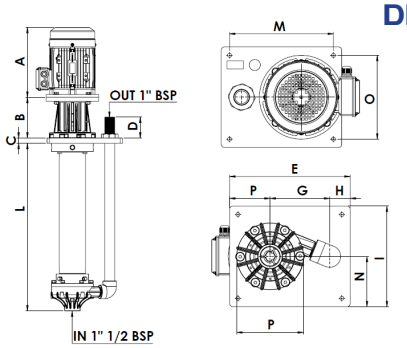
SPECIFIC GRAVITY TABLE

L = 1,1 Kw	M = 1,5 Kw	H = 2,2 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 80	1,1	B5
IEC 90	1,5	B5
IEC 90	2,2	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	194	25	100	360	121	178	61	300	310	150	250	Ø199

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY020	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**500** **800** **1000** **1250**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 25

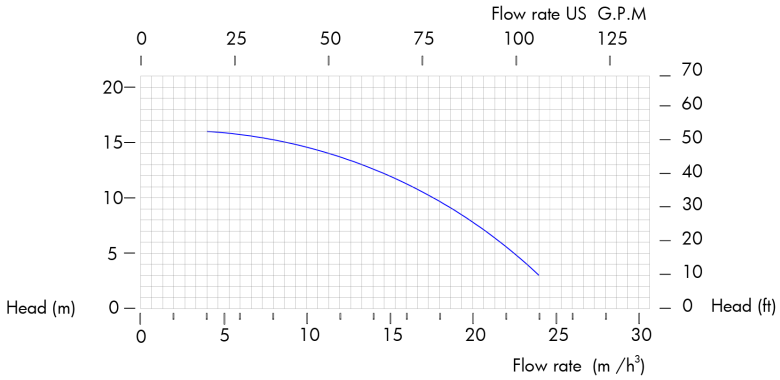
PP

PVDF

TECHNICAL DATA

Inlet connections	**2" F**
Outlet connections	**1" 1/2 M**
Max. Flow rate	**25 m3/h**
Max. Delivery head	**16 mts**
Max Viscosity	**400 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

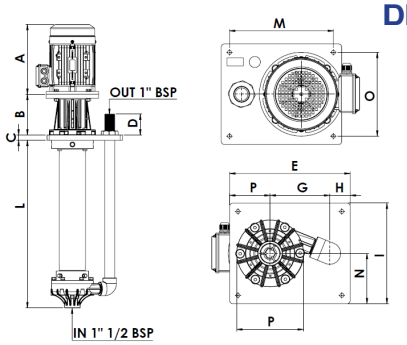
SPECIFIC GRAVITY TABLE

L = 1,5 Kw	M = 2,2 Kw	H = 3 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 90	1,5	B5
IEC 90	2,2	B5
IEC 100	3	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	194	25	100	360	121	178	61	300	310	150	250	Ø199

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY025	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**500** **800** **1000** **1250**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 30

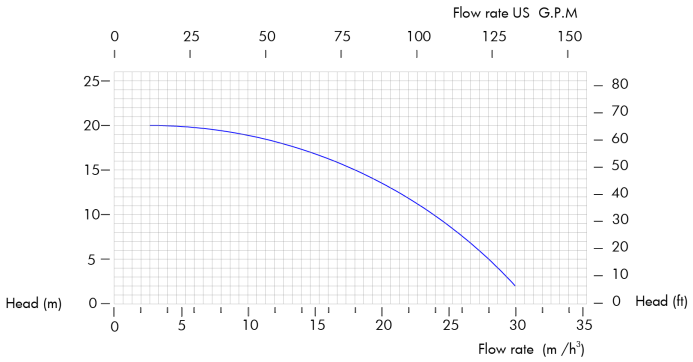
PP

PVDF

TECHNICAL DATA

Inlet connections	**2” F**
Outlet connections	**1” 1/2 M**
Max. Flow rate	**30 m3/h**
Max. Delivery head	**20 mts**
Max Viscosity	**500 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

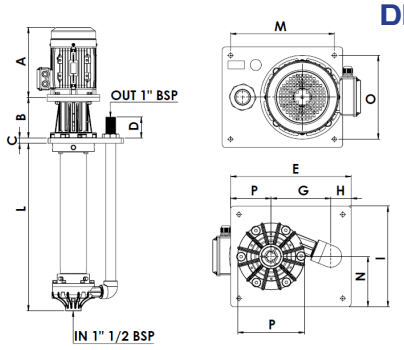
SPECIFIC GRAVITY TABLE

L = 2,2 Kw	M = 3 Kw	H = 4 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 90	2,2	B5
IEC 100	3	B5
IEC 112	4	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	194	25	100	360	121	178	61	300	310	150	250	Ø199

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY030	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**500** **800** **1000** **1250**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

TY 40

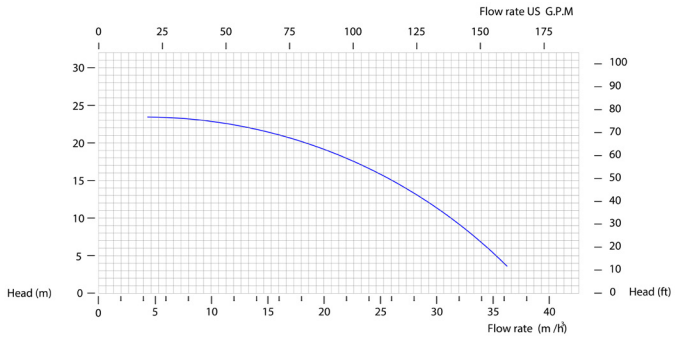
PP

PVDF

TECHNICAL DATA

Inlet connections	**2” F**
Outlet connections	**1” 1/2 M**
Max. Flow rate	**38 m3/h**
Max. Delivery head	**25 mts**
Max Viscosity	**500 cps**
Temperature PP	**-5°C +65°C**
Temperature PVDF	**-20°C +95°C**
Impeller	**Semi-Opened**

PERFORMANCE



The curves and performance values refer to pumps with free delivery outlet with water at 20 °C, and two poles motor 50 Hz. These data may vary according to the construction materials and hydraulic conditions.

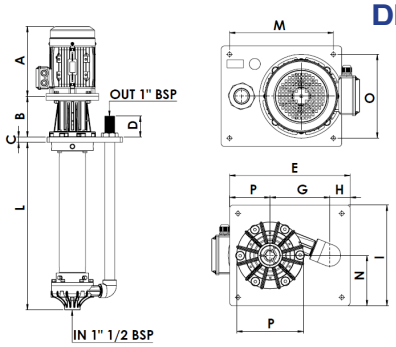
SPECIFIC GRAVITY TABLE

L = 3 Kw	M = 4 Kw	H = 5,5 Kw
up to 1,2	up to 1,5	up to 1,9

MOTOR SPECIFICATION

SIZE	Kw	DESIGN
IEC 100	3	B5
IEC 112	4	B5
IEC 112	5,5	B5

DIMENSIONS



A	B	C	D	E	F	G	H	I	M	N	O	P
*	194	25	100	360	121	178	61	300	310	150	250	Ø199

*Depend on the manufacturer

COMPOSITION

MODEL	CASING	O RING	LENGHT mm	CONNECTIONS	PUMP DESIGN	MOTOR VERSION
TY040	**P** = PP **K** = PVDF	**D** = EPDM **V** = VITON	**500** **800** **1000** **1250**	**1** = BSP STD **2** = FLANGED	**L** = LOW DENSITY **M** = MEDIUM DENSITY **H** = HIGH DENSITY	**IE** = IEC FLANGE

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